US & European Price List Effective October 2001

ProteinChip® Systems

Ciphergen's ProteinChip Systems are fully integrated platforms comprised of ProteinChip Arrays, Instrumentation (Reader) and Software. Designed for use in any lab, by any researcher, these systems deliver protein analysis fast and simply. Using these integrated platforms, researchers can gain insight into complex proteomic and biological processes.

Ciphergen is dedicated to the success of its customers and provides support for the entire ProteinChip System product line that includes instrumentation, software, arrays, kits, training and scientific support designed to meet the unique service needs of each lab.

Main system configurations

Z100-0021 ***ProteinChip Biomarker System*** ***$187,000***

The complete system includes:

- *Technology Transfer and Training: Transfer of technology to client and an Introductory Training Course*
- *System: One ProteinChip Reader PBS II, ProteinChip Software v. 3.0–Biomarker Edition and ProteinChip Workstation with Windows 2000 (ProteinChip Software is licensed for use on the host workstation plus two additional workstations)*
- *Additional Software: Biomarker Patterns™ Software license for five seats (one year, renewable license, after first year the annual renewal fee is $7,500 for five seats)*
- *Label License: To practice ProteinChip technology and use Ciphergen ProteinChip Arrays for research purposes*
- *Two days of Biomarker Center Service specific for protein identification projects. Services must be used within six months of system purchase*
- *One ProteinChip Array Starter Kit 2*
- *One ProteinChip Kit set–Biomarker Fractionation and Biomarker Profiling Kits*
- *One ProteinChip Kit set–ID Fractionation and Peptide Mapping Kits*
- *Warranty: Full, one-year warranty*

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8-00073-870	***ProteinChip® Biology System II***	***$159,000***

The complete system includes:

- *Technology Transfer and Training: Transfer of technology to client and an Introductory Training Course*
- *System: One ProteinChip Reader PBS II, ProteinChip Software v. 3.0 and Computer Workstation with Windows2000 (ProteinChip Software is licensed for use on the host workstation plus two additional workstations)*
- *Label License: To practice ProteinChip technology and use Ciphergen ProteinChip Arrays for research purposes*
- *Warranty: Full, one-year warranty*

Z200-0012	***ProteinChip Tandem MS (QSTAR™) Interface and ProteinChip Biomarker System***	***$284,000***

The tandem MS Interface and ProteinChip Biomarker System instrument package provides users with the flexibility to conduct biomarker pattern analysis, discovery and identification experiments using Ciphergen's ProteinChip Arrays. This ProteinChip Interface is used with the Applied Biosystems QSTAR mass spectrometer. The package price includes a discount on the price of the interface if purchased separately.

Z200-0002	***ProteinChip Tandem MS (QSTAR™) Interface and ProteinChip Biology System II***	***$260,000***

The MS Interface and ProteinChip Biology System II instrument package provides users with the flexibility to conduct protein profiling and protein identification experiments using Ciphergen's ProteinChip Arrays. The ProteinChip Interface is used with the Applied Biosystems QSTAR mass spectrometer. This package price includes a discount on the price of the interface if purchased separately.

Z200-0003	***Tandem MS (QSTAR™) Interface***	***$125,000***

Ciphergen customers that currently own a Ciphergen ProteinChip System can purchase the ProteinChip Interface for the Applied Biosystems QSTAR™ mass spectrometer to conduct protein identification studies.

Z200-0015	***ProteinChip Tandem MS (Q-Tof™) Interface and ProteinChip Biomarker System***	***$284,000***

The MS Interface and ProteinChip Biomarker System instrument package provides users with the flexibility to conduct biomarker pattern analysis, discovery and identification experiments using Ciphergen's ProteinChip Arrays. This ProteinChip Interface is used with the Micromass Q-Tof and Q-Tof 2 mass spectrometers. The package price includes a discount on the price of the interface if purchased separately.

Z200-0005	***ProteinChip Tandem MS (Q-Tof™) Interface and ProteinChip Biology System II***	***$260,000***

The MS Interface and ProteinChip Biology System II instrument package provides users with the flexibility to conduct protein profiling and protein identification experiments using Ciphergen's ProteinChip Arrays. This ProteinChip Interface is used with the Micromass Q-Tof and Q-Tof 2 mass spectrometers. The package price includes a discount on the price of the interface if purchased separately.

Z200-0006	***Tandem MS (Q-Tof™) Interface***	***$125,000***

Ciphergen customers that currently own a Ciphergen ProteinChip System can purchase the ProteinChip Interface for the Micromass Q-Tof 1 or Q-Tof 2 instrument to conduct protein identification studies.

Z101-0001	***ProteinChip Biomarker Upgrade Package***	***$30,000***

The package includes:

- *Software: Protein Chip Software v. 3.0 – Biomarker Edition (ProteinChip Software is licensed for use on the host workstation plus two additional workstations.)*
- *Two-day training course on Biomarker Patterns Software at a Ciphergen Biomarker Center (travel not included) to be used within 3 months of purchase.*
- *Software: Biomarker Patterns™ Software licensed for seats (one year, renewable license, after first year the annual renewal fee is $7,500 for five seats)*
- *Two days of Biomarker Center Service specific for protein identification projects. Services must be used within six months of package purchase*
- *192-well Bioprocessor Assembly*
- *One ProteinChip Kit set – Biomarker Fractionation and Biomarker Profiling kits*
- *One ProteinChip Kit set – ID Fractionation and Peptide Mapping kits*

Computer accessories

A102-001	***Flat Panel Monitor***	***$1,000***

A Dell 17" flat panel monitor can be purchased as an upgrade replacement for the standard CRT display included with the ProteinChip Systems. The resolution of this monitor is 1280x 1024 pixels.

A101-001	***Color Printer***	***$300***

A HP DeskJet 925C can be purchased for use with ProteinChip Systems. Printing speed is 11 pages per minute in black and 8.5 pages per minute in color.

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Software

S101-0020 — ***ProteinChip® Software 3.0 Update Package*** — ***$4,000***

This package provides an update from earlier ProteinChip Software 2.x and is licensed for use on the host workstation plus two additional workstations. Note: The update fee will be waived for users under initial purchase warranty and service agreement plans.

S100-0030 — ***ProteinChip Software 3.0 Five-Seat License Extension*** — ***$5,000***

The license extension adds five additional seats to the existing license.

S100-0031 — ***ProteinChip Software 3.0 – Biomarker Edition Five-Seat License Extension*** — ***$5,000***

The extension adds five additional seats to the existing license.

S200-0001 — ***Biomarker Patterns™ Software*** — ***$25,000***

This powerful application module enables the discovery of multi-component biomarker patterns by generating classification and regression trees from complex SELDI profiling data produced with ProteinChip Software. The package is a 5 seat license for one-year. Renewal fees will be charged to extend the licensing period beyond one year. The software package includes a two-day training course at a Ciphergen Biomaker Center (travel not included), to be used within 3 months of purchase.

S200-0002 — ***Biomarker Patterns Software Extension One-year License*** — ***$7,500***

Renews the license to use the software for one additional year for up to 5 individuals.

Accessories

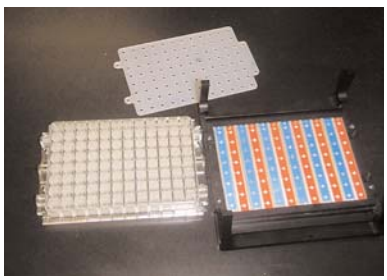
C503-0008 — ***Bioprocessor, 8-well, Configuration A-H*** — ***$1,000***

The Bioprocessor, 8-well, A-H configuration, is an accessory that holds one, 8-spot ProteinChip Array and creates ~400 uL wells above each spot. Use the Bioprocessor to improve detection limits and reproducibility. The Bioprocessor reservoir and gasket should be washed between sample applications. The reservoirs and gaskets can be re-ordered if they need replacing; the re-order numbers are C503-0009 and C503-0010 respectively.

C504-0001 — ***Bioprocessor, 16-well, Configuration A-P*** — ***$1,000***

The Bioprocessor, 16-well, A-P configuration, is an accessory that holds one, 16-spot ProteinChip Array and creates ~100 uL wells above each spot. Use the Bioprocessor to improve detection limits and reproducibility. The Bioprocessor reservoir and gasket should be washed thoroughly between sample applications The reservoirs and gaskets can be re-ordered if they need replacing; the re-order numbers are C504-0002 and C504-0003 respectively.

C503-0006	**Bioprocessor, 96-well**	$1,750
	The Bioprocessor 96-well configuration, is an accessory that holds 12, 8-spot ProteinChip Arrays in the same footprint as a standard 96-well microplate and can hold a sample volume of approximately 250 uL in each well. Use the Bioprocessor to improve detection limits and reproducibility. A starter set of 5 reservoirs and gaskets is included with the initial Bioprocessor purchase. The 96-well Bioprocessor reservoir and gasket are disposable items designed to be replaced after each use. The re-order part number for these components is C503-0007.	
C504-0004	**Bioprocessor, 192-well**	$1,750
	The Bioprocessor, 192-well configuration, is an accessory that holds 12, 16-spot ProteinChip Arrays in the same footprint as a standard 384-well microplate (with 1/2 the number of wells) and creates ~100 uL wells above each spot. Use the Bioprocessor to improve detection limits and reproducibility. A starter set of 5 reservoirs and gaskets is included with the initial Bioprocessor purchase. The 192-well Bioprocessor reservoir and gasket are disposable items designed to be replaced after each use. The re-order part number is C504-0005.	
C503-0009	**Bioprocessor Accessory, 8-well Replacement Reservoir, Configuration A-H**	$100
	Replacement reservoir for the 8-well, A-H configuration Bioprocessor.	
C503-0010	**Bioprocessor Accessory, 8-well Replacement Gasket, Configuration A-H, Pkg of 2**	$20
	Replacement gasket (2) for the 8-well, A-H configuration Bioprocessor.	
C504-0002	**Bioprocessor Accessory, 16-well Replacement Reservoir, Configuration A-P**	$100
	Replacement reservoir for the 16-well, A-P configuration Bioprocessor.	
C504-0003	**Bioprocessor Accessory, 16-well Replacement Gasket, Configuration A-P, Pkg of 2**	$20
	Replacement gaskets for the 16-well, A-P configuration Bioprocessor.	
C503-0007	**Bioprocessor Accessory, 96-well Disposable Reservoir & Gasket, Pkg of 5**	$65
	Disposable 96-well reservoir and gaskets.	
C504-0005	**Bioprocessor Accessory, 192-well Disposable Reservoir & Gasket, Pkg of 5**	$65
	Disposable 192-well reservoir and gaskets.	



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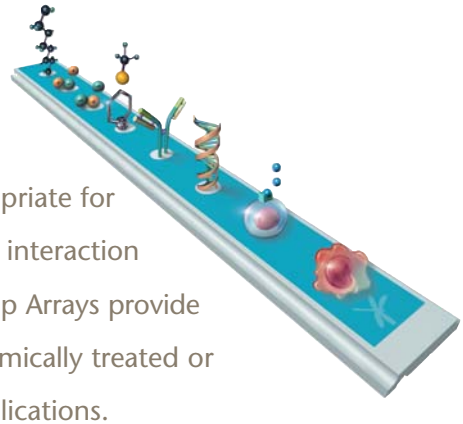
ProteinChip® Arrays & Reagents



Ciphergen offers a variety of ProteinChip Arrays appropriate for biomarker discovery, protein profiling, protein-protein interaction analysis and peptide mapping applications. ProteinChip Arrays provide researchers with a choice of surfaces and are either chemically treated or pre-activated for user-defined biochemical-affinity applications.

Hydrogel-based arrays

The mixed retention characteristics of the hydrogel-based arrays provide relatively high capacity and bind a large variety of proteins and peptides for a wide range of protein profiling and peptide mapping applications.

C533-0027 — ***SAX2 ProteinChip Array, Configuration A-H, Pkg of 12*** — **$900**

SAX2 ProteinChip Arrays, mimic strong anion exchange chromatography with a quaternary amine functionality. These arrays have an A-H configuration, and are 8 spot chips with 2 mm diameter spots spatially compatible with one column of a standard 96-well microplate (9 mm well pitch). Typical applications include protein profiling and protein purification.

C533-0026 — ***WCX2 ProteinChip Array, Configuration A-H, Pkg of 12*** — **$900**

WCX2 ProteinChip Arrays, mimic weak cation exchange chromatography with carboxylate functionality. These arrays have an A-H configuration, and are 8 spot chips with 2 mm diameter spots spatially compatible with one column of a standard 96-well microplate (9 mm well pitch). Typical applications include protein profiling and protein purification.

C533-0022 — ***IMAC3 ProteinChip Array, Configuration A-H, Pkg of 12*** — **$900**

IMAC3 ProteinChip Arrays are coated with an NTA functional group to entrap transition metals for subsequent metal affinity binding to proteins. These arrays have an A-H configuration, and are 8 spot chips with 2 mm diameter spots spatially compatible with one column of a standard 96-well microplate (9 mm well pitch). Typical applications include HIS-tagged protein capture, protein profiling and protein purification.

Biological affinity & general purpose arrays

Ciphergen's pre-activated arrays are designed specifically for immunoassay, receptor-ligand binding and DNA-binding protein applications. The gold chips can be used directly for MALDI-based experiments. Additionally, the NP20 chip can also be used for MALDI-based protein and/or peptide profiling applications.

C533-0028	***H4 ProteinChip Array, Configuration A-H, Pkg of 12***	***$900***

H4 ProteinChip Arrays, mimic reversed phase chromatography with C16 functionality. These arrays have an A-H configuration, and are 8 spot chips with 2 mm diameter spots spatially compatible with one column of a standard 96-well microplate (9 mm well pitch). Typical applications include protein profiling and on-chip desalting.

C532-0028	***H4 ProteinChip Array, Configuration 1-24, Pkg of 12***	***$1,000***

H4 ProteinChip Arrays, mimic reversed phase chromatography with C16 functionality. These arrays have a 1-24 configuration, and are 24 spot chips with 2 mm diameter spots. Typical applications include protein profiling and on-chip desalting.

C533-0045	***PS20 ProteinChip Array, Configuration A-H, Pkg of 12***	***$900***

PS20 ProteinChip Arrays are preactivated with epoxide chemistry that covalently binds to free primary amine groups. The PS20 array contains the same binding chemistry as the former PS2 array, but with an updated hydrophobic barrier coating. These arrays are 8 spot chips with 2 mm diameter spots spatially compatible with one column of a standard 96-well microplate (9 mm well pitch). Typical applications include immunoassays, receptor-ligand binding studies and transcription factor analysis.

C533-0043	***NP20 ProteinChip Array, Configuration A-H, Pkg of 12***	***$900***

NP20 ProteinChip Arrays, mimic normal phase chromatography with silicate functionality. The arrays have A-H configuration, and are 8 spot chips with 2 mm diameter spots spatially compatible with one column of a standard 96-well microplate (9 mm well pitch). Typical applications include protein molecular weight validation and QC assays.

C533-0044	***PS10 ProteinChip Array, Configuration A-H, Pkg of 12***	***$900***

PS10 ProteinChip Arrays are preactivated with carbonyl diimidazole chemistry that covalently binds to free primary amine groups. The PS10 array contains the same binding chemistry as the former PS1 array, but with an updated hydrophobic barrier coating. These arrays are 8 spot chips with 2 mm diameter spots spatially compatible with one column of a standard 96-well microplate (9 mm well pitch). Typical applications include immunoassays, receptor-ligand binding studies and transcription factor analysis.

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5203-0003	***Au Chip, Configuration A-H, Single Chip***	***$250***

Gold chips can be used for conventional MALDI experiments with ProteinChip® Systems. The gold surface is relatively non-binding and is not recommended for SELDI applications. Sample clean up and pre-mixing of sample with EAM (matrix) is generally required before samples can be applied to this chip surface. While gold chips can be cleaned and re-used, performance may degrade with handling.

Reagents & spin columns

C300-0001	***EAM, CHCA, Pkg of 20***	***$300***

Energy Absorbing Molecule - alpha-cyano-4-hydroxy cinnamic acid. Each tube contains enough material to make 100 uL of a saturated EAM solution. CHCA is used for proteins smaller than 15 kDa.

C300-0002	***EAM, SPA, Pkg of 20***	***$300***

Energy Absorbing Molecule - sinapinic acid. Each tube contains enough material to make 100 uL of a saturated EAM solution. SPAis used for proteins larger than 10 kDa.

C300-0003	***EAM, EAM-1, Pkg of 20***	***$300***

Energy Absorbing Molecule – proprietary formulation. Each tube contains enough material to make 100 uL of a saturated EAM solution. EAM-1 is used for proteins in the range of 10-40 kDa and for glycosylated proteins.

C300-0004	***EAM Kit, Assortment***	***$300***

Kit of 6 tubes each of CHCA, SPA and EAM1. Each tube makes 100 uL of a saturated solution.

C100-0003	***All-in-1 Peptide Standard***	***$300***

Pre-mixed, peptide standard. The mix includes vasopressin (1.08kDa), Somatostatin (1.64kDa), bovine B-chain (3.50kDa), human insulin (5.81kDa) and hirudin (7.03kDa). Sufficient standard is provided for 100 spots.

C100-0004	***All-in-1 Protein Standard***	***$300***

Pre-mixed, protein standard. The mix includes Cytochrome C (12.4 kDa), myoglobin (17.0 kDa), GAPDH (35.7 kDa), albumin (66.4 kDa) and beta-galactosidase (116.4 kDa). Sufficient standard is provided for 100 spots.

C5400-0012	***Spin Column, K-30, Pkg of 20***	***$200***

Column for sample preparation and purification applications. Contains about 1 mL of dry resin. K-30 column fractionation is based on size with a nominal 30000 molecular weight cut-off. Columns are used in a micro-centrifuge and spun at about 1000 rpm.

C5400-0016	***Spin Column, Anion Exchange, Pkg of 20***	***$200***

Column for sample preparation and purification applications. Contains about 1 mL of dry resin. The anion exchange column fractionation is based on pI via a quaternary amine functionality. Columns are used in a micro-centrifuge and spun at about 1000 rpm.

ProteinChip® Kits

To get you started as quickly and successfully as possible, Ciphergen offers kits for the most popular ProteinChip applications. ProteinChip Kits are configured with everything you need to generate accurate results with minimal learning time. Kits include reagents, arrays and instructions for rapid biomarker identification and analysis.

ProteinChip Kits & Arrays for the ProteinChip Biomarker System

K100-0001 — ***ProteinChip Biomarker Profiling Kit*** — **$1,600**

This kit provides a package to profile a wide selection of proteins from complex samples via the ProteinChip Biomarker System. Each kit contains sufficient materials for 7 samples and a serum control. Included are buffers, EAM solutions, appropriate latex series ProteinChip Arrays and protocols. This kit should be used in conjunction with the Biomarker Profiling Fractionation Kit. *(For use on the ProteinChip Biomarker System ONLY.)*

K100-0002 — ***ProteinChip Biomarker Profiling Fractionation Kit*** — **$300**

This kit provides a complete package of reagents and spin columns for fractionating proteins in serum in preparation for profiling via the ProteinChip Biomarker System. Each kit contains sufficient materials for 7 samples and a serum control. The protocol is designed to work with serum proteins at mid-to-high level abundance, but may be adapted to work with other samples. Included are spin columns, buffers, controls and protocols. This kit should be used in conjunction with the Biomarker Profiling Kit. *(For use on the ProteinChip Biomarker System ONLY.)*

Replacement ProteinChip Arrays for the Biomarker System

C534-0057 — ***IMAC40 ProteinChip Array, Configuration A-P, Pkg. of 12*** — **$1,440**

IMAC40 ProteinChip Arrays have retention characteristics that are based on immobilized metal affinity capture with an NTA functional group. The spots are coated with a high-performance latex layer. Metal activation is performed by the user prior to use. The arrays are 16-spot chips with 2 mm diameter spots spatially compatible with one column of a standard 386-well microplate (4.5 mm well pitch).

C534-0052 — ***LSAX30 ProteinChip Array, Configuration A-P, Pkg. of 12*** — **$1,440**

LSAX30 ProteinChip Arrays have retention characteristics that mimic strong anion exchange chromatography with a quaternary amine functionality and have relatively low hydrophobicity. The spots are coated with a high performance latex layer. The arrays are 16-spot arrays with 2 mm diameter spots spatially compatible with one column of a standard 386-well microplate (4.5 mm well pitch).

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C534-0056	***LWCX30 ProteinChip Array, Configuration A-P, Pkg. of 12***	***$1,440***

LWCX30 ProteinChip Arrays have retention characteristics that mimic weak cation exchange chromatography with a carboxylate functionality and moderate hydrophobicity. The spots are coated with a high-performance latex layer. The arrays are 16-spot arrays with 2 mm diameter spots spatially compatible with one column of a standard 386-well microplate (4.5 mm well pitch).

ProteinChip Kits for all ProteinChip Systems

K100-0006	***ProteinChip ß-amyloid Multipeptide Kit***	***$750***

This kit provides a complete package for the analysis of multiple-terminal forms of beta-amyloid peptides cleaved from amyloid precursor protein (APP). The kit allows capture of peptides from cell homogenates, serum or cerebral spinal fluid. Each kit contains sufficient materials for 48 samples. Included are reagents, controls, antibody, ProteinChip Arrays and protocols.

K100-0005	***ProteinChip Antibody Capture Kit***	***$750***

This kit provide a complete package for on-chip attachment of antibodies to ProteinChip Arrays pre-coupled to Protein G. Each kit contains sufficient materials to assay 48 samples. Included are buffers, controls, ProteinChip Arrays and protocols.

K100-0004	***ProteinChip ID Fractionation Kit***	***$350***

This kit provides a complete package of reagents and spin columns for isolating protein from complex sample matrix in preparation for peptide mapping identification via the ProteinChip Systems. Each kit contains sufficient materials for isolation of 10 proteins. Final isolation is performed via 1-D SDS PAGE (electrophoresis apparatus not included). The protocol is designed to work with proteins in complex samples at mid-to-high level abundance, but may be adapted to work with other samples. Included are spin columns, buffers, controls, ProteinChip Arrays (for assaying protein purity) and protocols. This kit should be used in conjunction with the Peptide Mapping Kit

K100-0003	***ProteinChip Peptide Mapping Kit***	***$750***

This kit provides a complete package for trypsin digestion of isolated proteins in conjunction with the ID Fractionation Kit. This kit starts with a protein band isolated in SDS-PAGE. Each kit contains sufficient materials for the digestion of 10 bands. Included are reagents, controls, ProteinChip Arrays and protocols for peptide mapping. This kit may be used in conjunction with the ID Fractionation Kit.

Starter Kits and Calibration Kits

C700-0062 — ***ProteinChip System Starter Kit 2*** — ***$3,750***

The starter kit contains a selection of ProteinChip Arrays, calibration standards, EAM's (Energy Absorbing Molecules) and a 96-well Bioprocessor to get a new lab started with ProteinChip technology. The complete set of items included are:

- *Two SAX2 ProteinChip Arrays*
- *Two WCX2 ProteinChip Arrays*
- *Two NP20 ProteinChip Arrays*
- *Two PS10 ProteinChip Arrays*
- *Two PS20 ProteinChip Arrays*
- *Two H4 ProteinChip Arrays*
- *Two IMAC3 ProteinChip Arrays*
- *Six Tubes of sinapinic acid (SPA)*
- *Six Tubes of EAM1*
- *Six Tubes of alpha-cyano-4-hydroxy cinnamic acid*
- *One All-in-1 Protein Standard*
- *One All-in-1 Peptide Standard*
- *One 96-well Bioprocessor (A – H format)*

C100-0001 — ***Calibrant Kit, Protein MW Standards (10), Pkg of 20 (2 of each standard)*** — ***$300***

Lyophilized standards packaged in separate tubes.

• *Insulin, bovine*	*1 nmol*
• *Ubiquitin, bovine*	*1 nmol*
• *Cytochrome C, bovine*	*1 nmol*
• *Superoxide dismutase*	*1 nmol*
• *Myoglobin, equine*	*1 nmol*
• *Beta-lactoglobulin A, bovine*	*1 nmol*
• *Horseradish peroxidase*	*2 nmol*
• *Serum albumin*	*2 nmol*
• *Conalbumin, chicken 2 nmol IgG, bovine*	*5 nmol*

C100-0002 — ***Calibrant Kit, Peptide MW Standards (7), Pkg of 14 (2 of each standard)*** — ***$300***

Lyophilized standards packaged in separated tubes.

• *Angiotensin I, human*	*1 nmol*
• *[Glu1] Fibrinopeptide B*	*1 nmol*
• *Dynorphin A (209-225), porcine*	*1 nmol*
• *ACTH (1-24), human*	*1 nmol*
• *Beta-endorphin, human (61-91)*	*1 nmol*
• *Insulin, bovine*	*1 nmol*
• *Ubiquitin, bovine*	*1 nmol*

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Service, consultation & training

Ciphergen is committed to facilitating the scientific advancement of its customer's research efforts. To that end, Ciphergen has developed several service and support agreement plans that can be customized to meet any lab's unique needs. These plans provide customers with direct access to Ciphergen's scientific and technical expertise.

Service agreements

P100-0001	***Service Agreement, ProteinChip® System/ ProteinChip Biomarker System, Basic, 12-month*** This agreement includes all parts, labor, ProteinChip Software updates, Ciphergen personnel travel costs to repair your system and one preventative maintenance visit during the agreement period.	***$12,000***
P100-0003	***Service Agreement, ProteinChip System/ ProteinChip Biomarker System, Basic, 24-month*** This agreement includes all parts, labor, ProteinChip Software updates, and Ciphergen personnel travel costs to repair your system and two preventative maintenance visits during the agreement period.	***$20,000***
P100-0006	***Service Agreement, ProteinChip System/ ProteinChip Biomarker System, Premium, 12-month*** This agreement includes all parts, labor, ProteinChip Software updates, and Ciphergen personnel travel costs to repair your system and one preventative maintenance visit during the agreement period. In addition it includes two days of consulting time from a Ciphergen Field Scientist. The Field Scientist time may be used to train new users, assist in the development of new protocols, or to work on other biology problem-solving requirements.	***$17,000***
P100-0008	***Service Agreement, ProteinChip System/ ProteinChip Biomarker System, Premium, 24-month*** This agreement includes all parts, labor, ProteinChip Software updates, Ciphergen personnel travel costs to repair your system and two preventative maintenance visits during the agreement period. In addition it includes four days of consulting time from a Ciphergen Field Scientist. The Field Scientist time may be used to train new users, assist in the development of new protocols, or to work on other biology problem-solving requirements.	***$25,000***

Consultation

P200-0001 — ***Consultation, Scientist, 1-day*** — ***$2,500***

Ciphergen Ph.D. Scientists are available for specialized consultation services on a per day basis to provide, hands-on assistance on ProteinChip System-related research, experimental design, data analysis or troubleshooting.

P202-0010 — ***Biomarker Center™, Protein Identification Service (per day)*** — ***$2,500***

This service covers protein identification, via ProteinChip Tandem-MS, of samples submitted to a Ciphergen Biomarker Center. Specific project quotations will be generated after consultation with a Ciphergen field scientist. Putative identifications will be generated via searching publicly available databases. Academic institutions receive a 15% discount on this service.

Training

P201-0001 — ***ProteinChip University, Basic Course (per person)*** — ***$2,000***

This 4-day course provides basic training on how to use Ciphergen's ProteinChip Technology. The course includes lectures, course materials and hands-on lab exercises guided by experienced, Ciphergen scientists.

Topics covered in the course include:

- *SELDI technology*
- *Instrument calibration and operation*
- *Protein profiling for biomarker discovery*
- *Protein purification and identification via peptide mapping*
- *ProteinChip Software usage*
- *Data analysis*
- *ProteinChip System Users Guide (yours to keep)*
- *Troubleshooting*

Classes are held several times during the year and class sizes are limited to ensure a quality learning experience. Lunches are included. Travel expenses are the responsibility of the attendees. Each attendee receives a certificate upon completion of the course.

P201-0002 — ***On-site Introductory Training*** — ***$7,500***

The introductory training provides three days of hands-on instruction for up to five users on-site. Coverage is similar to the Basic Course description above.

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P201-0003	***ProteinChip® University, Advanced Courses (per person)***	***$1,500 to $2,500***
	Advanced courses (various topics, 3 to 5 day duration) are held several times during the year (see quality learning experience. Lunches are included. Travel expenses are the responsibility of the attendees. Each attendee receives a certificate upon completion of the training course.	
P201-0004	***Protein Expression Profiling (per person)***	***$2,000***
	This four-day course focuses on strategies to generate meaningful comparisons of protein expression profiles using Ciphergen's ProteinChip technology. Lectures introducing profiling strategies are accompanied by intensive laboratory exercises that reinforce these concepts. The course is designed around Ciphergen's ProteinChip Kits for Biomarker Fractionation and Profiling using the latest versions of ProteinChip Software. High throughput protocols will be emphasized with the use of the Ciphergen Bioprocessor and Biomarker Patterns™ Software.	
P201-0005	***Protein Identification (per person)***	***$2,000***
	The next step after discovering a differentially expressed protein is often its identification. This four-day course focuses on the strategies used to identify selected proteins from crude biological samples. Using a combination of lecture and laboratory, the student learns strategies for protein fractionation, isolation and identification. Lab exercises follow protocols and materials included in the ProteinChip Kits for ID Fractionation and Peptide Mapping. Fractionation options are explored. Proteins are isolated using SDS-PAGE and digested in-gel. Students learn how to produce reliable protein IDs by generating high quality peptide maps suitable for on-line database searching. Additionally, students learn about using high-resolution peptide maps and MS/MS fragmentation information to facilitate protein identification.	
P201-0006	***Biomarker Patterns Software Training (per person)***	***$2,000***
	This two-day course introduces researchers to the fundamentals of pattern analysis with this powerful software package.	
M8-00075-UG-2.0	***Manual, User's Guide, ProteinChip System***	***$200***
	The User's Guide is a comprehensive reference document covering instrument operation, ProteinChip Array and sample preparation protocols as well as data analysis. One copy of the User's Guide is included with each system purchase.	

Worldwide offices

Ciphergen is a global organization committed to serving life science researchers around the world with breakthrough technology and tools for proteomics research. Our list of offices and Biomarker Centers is growing rapidly. Please consult the Ciphergen web site at www.ciphergen for the most up-to-date list of Ciphergen offices.

Volume discount

Contact your local Ciphergen Product Manager for terms and conditions of the discount schedule.

Service

In the event of a ProteinChip® System question, concern or malfunction, please contact your local Field Scientist who will resolve or expedite the problem to a Ciphergen service technician. If you would like further technical information about a Ciphergen ProteinChip System, please contact:

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About Ciphergen Biosystems

Ciphergen develops, manufactures and markets ProteinChip® Systems that enable protein discovery, characterization and assay development so researchers can gain a better understanding of biological functions at the protein level.

The ProteinChip Biomarker System is a novel, enabling tool that provides a direct approach to understanding the role of proteins in the biology of disease, monitoring of disease progression and the therapeutic effects of drugs.

Pioneering researchers are now taking full advantage of Ciphergen's powerful SELDI-based ProteinChip platform to advance clinical proteomics for predictive medicine.

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